

CLAIMS

- 1 1. A coating applicator assembly for coating fasteners ends protruding
2 from a surface of a structure, the fasteners extending a specific distance
3 above the surface, the applicator assembly comprising:
4 a handle;
5 a coating member made from open celled compressible foam having
6 a coating transfer surface in a generally W shape.
- 1 2. The coating applicator assembly as set forth in claim 1, wherein the
2 central with the central notch of said W shape having and included angle of
3 between 40 and 50 degrees and a depth of between 65 and 85 percent of
4 the specific distance and the outer surfaces of the W shaped surface
5 extending outward at an angle of between 40 and 50 degrees and the depth
6 of coating member is at least 4 times the depth of the central notch.
- 1 3. The coating applicator assembly as set forth in claim 2 wherein said
2 foam is and open celled foam having a density of between 2 and 3 pounds
3 per cubic foot.
- 1 4. The coating applicator assembly as set forth in claim 1 wherein:
2 said handle includes an axle;
3 a drum rotatably mounted to said axles; and
4 said coating member in the form of a ring mounted to said drum, the
5 peripheral surface of said drum having said W shape.

1 5. The coating applicator assembly as set forth in claim 4, wherein the
2 central with the central notch of said W shape having an included angle of
3 between 40 and 50 degrees and a depth of between 65 and 85 percent of
4 the specific distance and the outer surfaces of the W shaped surface
5 extending outward at an angle of between 40 and 50 degrees and the depth
6 of coating member is at least 4 times the depth of the central notch.

1 6. The coating applicator assembly as set forth in claim 5 wherein said
2 foam is and open celled foam having a density of between 2 and 3 pounds
3 per cubic foot.

1 7. A coating applicator assembly for coating fasteners ends protruding
2 from a surface of a structure, the fasteners extending a specific distance
3 above the surface, the applicator assembly comprising:

4 a handle;

5 a coating member made from open celled compressible foam; and

1 a syringe mounted to said handle, said syringe having a nozzle having
2 an outlet port positioned to provide coating material to said coating transfer
3 surface.

1 8. The coating applicator assembly as set forth in claim 7 comprising
2 said coating member having a having a coating transfer surface in a
3 generally W shape.

1 9. The coating applicator as set forth in claim 8 wherein said syringe is
2 releasably mounted to said handle.

1 10. The coating applicator assembly as set forth in claim 9, wherein the
2 central width of the central notch of said W shape having and included angle
3 of between 40 and 50 degrees and a depth of between 65 and 85 percent of
4 the specific distance and the outer surfaces of the W shaped surface
5 extending outward at an angle of between 40 and 50 degrees and the depth
6 of coating member is at least 4 times the depth of the central notch.

1 11. The coating applicator assembly of claim 10 wherein said output port
2 of said nozzle is aligned with notch and the axis of rotation of said coating
3 member.

1 12. The coating applicator assembly as set forth in claim 11 wherein said
2 foam is and open celled foam having a density of between 2 and 3 pounds
3 per cubic foot.

1 13. The coating applicator assembly as set forth in claim 12 wherein:
2 said handle includes an axle;
3 a drum rotatably mounted to said axles; and
4 said coating member in the form of a ring mounted to said drum, the
5 peripheral surface of said drum having said W shape.

1 14. The coating applicator assembly as set forth in claim 13 wherein said
2 foam is and open celled foam having a density of between 2 and 3 pounds
3 per cubic foot.

1 15. The coating applicator as set forth in claim 7, or 8, or 9, or 10, or 11,
2 or 12, or 13, or 14, comprising:
3 means to pressurize said syringe; and
4 a valve positioned between said output port of said syringe and said
5 nozzle for controlling the flow of the coating material.